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U. S. Department of Agriculture
Foreign Agricultural Service
Economics, Statistics and
Cooperatives Service

World Crop Production

Approved by the World Food and Agricultural Outlook and Situation Board • USDA

WCP-6-79
December 11, 1979

WORLD CROP PROSPECTS LITTLE CHANGED FROM LAST MONTH

Region	Total grains			Oilseeds			Cotton		
	1979/80			1979/80			1979/80		
	1978/79	Nov.	Dec.	1978/79	Nov.	Dec.	1978/79	Nov.	Dec.
	--- Million metric tons ---						--- Million bales ---		
World	1576.9	1509.0	1508.6	158.9	178.3	178.1	59.8	63.8	64.2
United States	273.1	293.7	293.7	58.3	71.5	71.5	10.9	14.5	14.5
Rest of World	1303.8	1215.3	1214.9	100.6	106.8	106.6	48.9	49.3	49.7

* World 1979/80 total grain production is forecast at nearly 1509 million tons, down 400,000 tons from last month's estimate. Increased estimates for the Soviet, South African and Canadian crops more than offset deterioration in Indian and Brazilian crops.

* The 1979/80 world wheat crop forecast of 403 million tons is up about 2 million tons from last month. Increased estimates for the Soviet, Canadian and South African crops more than offset reduced forecasts for Brazilian and Argentinian crops.

* The 1979/80 coarse grain crop forecast is up 2 million tons primarily reflecting a slightly larger Soviet crop than forecast a month ago.

* The world rice crop forecast is down about 4-1/2 million tons from last month's due to continued drought in India, dryness in Thailand and Indonesia, and lower planting intentions in Brazil.

SOURCES OF ANALYSIS AND DATA

This is the sixth issue of a monthly report that provides the Department's production estimates for wheat, rice, coarse grains, oil-seeds, and cotton in major countries and selected regions of the world.

Forecasts of 1979 U.S. acreage, yield, and production for wheat, corn, oats, and barley are from the November U.S. Crop Production report released by the Crop Reporting Board of ESCS. Estimates for U.S. cotton were released today by the Crop Reporting Board.

The World Crop Production report draws on information from USDA's global network of agricultural attaches, commodity analysts, country and regional specialists, and the staff of the Joint Agricultural Weather Facility, operated by the National Oceanic and Atmospheric Administration and USDA agricultural meteorologists.

The forecasts in this report reflect the best judgement of commodity and country experts and should be useful in assessing relative production prospects in the major countries of the world. Forecasts for 1979 crops are, however, still subject to a degree of uncertainty. Weather developments in the next weeks still could alter production prospects throughout the world. The certainty of these forecasts is further limited by the scant amount of information available in many foreign countries.

The reliability of past world grain production estimates and measures of production variability for other crops are on pages 13-15.

The World Crop Production report is prepared by the Foreign Agricultural Service (FAS), the Economics, Statistics and Cooperatives Service (ESCS), and the World Food and Agricultural Outlook and Situation Board (WFAOSB). Principal contributors, in addition to the aforementioned attaches and meteorologists, include:

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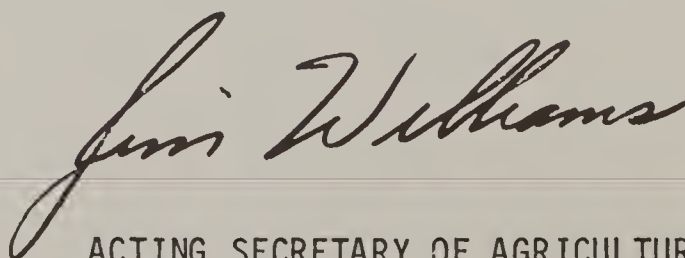
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(continued from page 1)

- * World production of major oilseeds in 1979/80 is projected at 178 million tons, essentially unchanged from the November forecast. Slightly higher forecasts for soybeans and cottonseed offset reductions for other oilseed crops.
- * Soybean production is projected at a record 95 million tons, about 15 million above 1978/79 and 100,000 tons above the November estimate.
- * Forecasts for sunflowerseed production were unchanged while rapeseed and peanuts were reduced slightly from the November estimates.
- * This season's world cotton production is now estimated at a record 64.2 million bales, slightly above the November forecast and 7 percent above the 1978/79 crop. Improved prospects in several major foreign producing countries, mainly the Soviet Union and Egypt, more than offset small reductions in forecasts for other foreign countries. The 1979 U.S. cotton crop of 14.5 million bales is the same as last month's forecast and sharply above last season's 10.9 million.

FOREIGN WEATHER HIGHLIGHTS AS OF DECEMBER 11

AUSTRALIA--Rain in the major wheat areas during early harvest has given way to good conditions the past two weeks.

ARGENTINA--Somewhat above-normal rainfall in north-central areas....good for recently planted crops, but detrimental to wheat harvest. Some damage to winter wheat from an early-November frost.

BRAZIL--Heavy rainfall in Rio Grande do Sul hampered wheat harvest but good for the new soybean crop....recent rains may have been too heavy.

USSR--Cotton harvest continued into December....frost came late and rains held off until nearly all of the crop was harvested....dryness persists in some winter grain areas.

CHINA--Excellent late harvest weather in all crop areas....but dry for winter grain development.

INDIA--Rainy weather in the southwest during November....cotton quality may have suffered....impact on peanuts remains uncertain....conditions still dry in the north for winter wheat.

World crop production summary 1/

Commodity	Major regions and countries										
	North America			Europe			Asia		Near East and Other Asia		
	United States	Western Europe	Eastern Europe	USSR	PRC	India	Pakistan	Indonesia	Thailand		
	Canada	States	Europe	Europe	USSR	PRC	India	stan	nesia	land	
---Million metric tons---											
:Wheat											
1: 1977/78	19.9	55.4	47.7	34.2	92.2	41.0	29.0	9.1	---	---	
2: 1978/79	21.2	49.0	58.6	35.8	120.8	45.0	31.7	8.3	---	---	
: 1979/80											
3: Nov. proj.	17.3	57.5	54.7	28.5	83.0	49.5	35.0	9.9	---	---	
4: Dec. proj.	17.7	57.5	54.4	28.4	86.0	49.5	35.0	9.9	---	---	
:Coarse grains											
5: 1977/78	22.3	203.8	87.5	59.2	92.6	74.5	30.0	---	---	2.2	
6: 1978/79	20.4	218.0	94.0	60.5	105.3	80.5	30.6	---	---	3.3	
: 1979/80											
7: Nov. proj.	18.4	229.9	91.8	61.9	82.0	83.0	25.6	---	---	3.5	
8: Dec. proj.	18.7	229.9	91.0	61.7	84.0	83.0	25.4	---	---	3.5	
:Rice(rough):											
9: 1977/78	---	4.5	1.3	---	2.2	129.0	79.1	4.4	23.3	15.0	
10: 1978/79	---	6.1	1.6	---	2.1	137.0	80.8	4.9	25.8	16.8	
: 1979/80											
11: Nov. proj.	---	6.3	1.7	---	2.2	140.0	64.6	4.8	24.6	16.8	
12: Dec. proj.	---	6.3	1.7	---	2.2	140.0	61.6	4.8	24.1	16.5	
:Total grains 2/:											
13: 1977/78	42.2	263.7	136.5	93.4	187.0	244.5	138.1	13.5	23.3	17.2	
14: 1978/79	41.6	273.1	154.2	96.3	228.2	262.5	143.1	13.2	25.8	20.1	
: 1979/80											
15: Nov. proj.	35.7	293.7	148.2	90.4	167.2	272.5	125.2	14.7	24.6	20.3	
16: Dec. proj.	36.4	293.7	147.1	90.1	172.2	272.5	122.0	14.7	24.1	20.0	
:Oilseeds 3/:											
17: 1977/78	2.5	56.0	2.2	3.7	11.3	17.4	10.4	1.4	---	---	
18: 1978/79	4.1	58.3	2.5	3.8	10.9	19.8	11.3	1.2	---	---	
: 1979/80											
19: Nov. proj.	4.3	71.5	2.5	3.4	11.1	20.0	10.6	1.7	---	---	
20: Dec. proj.	4.5	71.5	2.5	3.4	11.2	20.0	10.4	1.6	---	---	
---Million 480-pound bales---											
:Cotton											
21: 1977/78	---	14.4	---	---	12.7	9.4	5.6	2.5	---	---	
22: 1978/79	---	10.9	---	---	12.3	10.0	6.3	2.1	---	---	
: 1979/80											
23: Nov. proj.	---	14.5	---	---	12.6	9.8	5.7	2.9	---	---	
24: Dec. proj.	---	14.5	---	---	13.0	9.8	5.8	2.9	---	---	

1/ 1978/79 estimates are preliminary. 1979/80 projections are based on surveys, trends, and judgement of commodity and country analysts. USDA Crop Reporting Board estimates are used for the United States.

2/ Includes total of wheat, coarse grains, and rice shown above. Preliminary Soviet crop figure of 179 million tons in special circular FG-23-79 (12-11-79) includes about 7 million tons of minor grain and pulses.

World crop production summary 1/--Continued

Major regions and countries									
: Middle East	: Latin America	:	:	: Total for:	:	:	: World	:	:
: and	: and	: Oceania	:	: major	:	: Other	: less	:	:
: Africa	: Caribbean	:	:	: regions	:	: coun-	: United	:	: World
: South	: Argen-	:	:	: and	:	: tries	: States	:	:
: Africa	: Turkey	: tina	: Brazil	: Australia	: countries:	:	:	:	:
---Million metric tons---									
1.9	13.5	5.7	2.1	9.4	360.9	21.7	327.2	382.6	: 1
1.7	13.3	8.1	2.7	18.3	414.5	24.4	389.9	438.9	: 2
1.8	12.7	8.0	3.0	16.0	376.9	23.7	343.1	400.6	: 3
2.2	12.7	7.8	2.5	16.0	379.6	23.3	345.4	402.9	: 4
10.9	7.3	18.3	14.4	4.3	627.4	76.5	500.1	703.9	: 5
8.4	7.3	17.2	16.9	7.2	669.7	82.9	534.5	752.5	: 6
9.9	6.9	16.7	19.1	6.4	655.1	80.1	505.3	735.2	: 7
10.7	6.9	16.9	19.1	6.4	657.2	79.9	507.2	737.1	: 8
---	---	.3	7.5	.5	267.1	104.0	366.6	371.1	: 9
---	---	.3	7.7	.7	283.8	101.7	379.4	385.5	: 10
---	---	.3	9.0	.7	271.0	102.2	366.9	373.2	: 11
---	---	.3	8.6	.7	266.8	101.8	362.3	368.6	: 12
12.8	20.8	24.3	24.0	14.2	1255.4	202.2	1193.9	1457.6	: 13
10.1	20.6	25.6	27.3	26.2	1368.0	209.0	1303.8	1576.9	: 14
11.7	19.6	25.0	31.1	23.1	1303.0	206.0	1215.3	1509.0	: 15
12.9	19.6	25.0	30.2	23.1	1303.6	205.0	1214.9	1508.6	: 16
---	---	5.1	11.4	---	121.3	16.5	94.5	150.5	: 17
---	---	6.2	12.0	---	130.2	16.5	100.5	158.9	: 18
---	---	6.7	15.0	---	146.8	17.9	106.8	178.3	: 19
---	---	6.8	15.0	---	146.8	17.8	106.7	178.1	: 20
---Million 480-pound bales---									
---	2.6	---	2.2	---	49.5	14.5	49.5	63.9	: 21
---	2.2	---	2.7	---	46.3	13.5	48.9	59.8	: 22
---	2.2	---	2.8	---	50.5	13.3	49.3	63.8	: 23
---	2.2	---	2.7	---	50.9	13.3	49.6	64.2	: 24

3/ Totals for major regions and countries and other countries include the five major oilseeds shown elsewhere in this report, while world total also includes sesame seed, safflower seed, flax seed, castor beans, copra, and palm kernels for countries shown plus other countries.

---No production reported or insignificant production.

*Totals may not add due to rounding.

Coarse grains area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
	Million hectares	Million hectares	Metric tons per hectare	Metric tons per hectare	Million metric tons	Million metric tons
North America						
Canada	8.5	7.8	2.63	2.62	22.3	20.4
United States	44.0	42.6	4.63	5.11	203.8	218.0
Western Europe	25.0	25.3	3.50	3.72	87.5	94.0
Eastern Europe	19.4	19.2	3.05	3.15	59.2	60.5
USSR	60.6	58.0	1.53	1.82	92.6	105.3
Centrally Planned Asia						
PRC	38.0	38.5	1.96	2.09	74.5	80.5
South Asia						
India	42.5	42.3	.71	.72	30.0	30.6
Near East and Other Asia						
Thailand	1.7	1.7	1.36	1.97	2.2	3.3
Middle East and Africa						
South Africa	5.3	5.3	2.06	1.58	10.9	8.4
Turkey	4.1	4.1	1.76	1.79	7.3	7.3
Latin America & Caribbean						
Argentina	6.1	6.4	2.99	2.70	18.3	17.2
Brazil	11.0	12.1	1.31	1.40	14.4	16.9
Oceania						
Australia	4.4	4.7	.97	1.51	4.3	7.2
Total above	270.7	267.9	2.32	2.50	627.4	669.7
Other countries & regions						
World	78.2	79.1	.98	1.05	76.5	82.9
World less United States	348.9	347.1	2.02	2.17	703.9	752.5
Major foreign exporters 2/	304.9	304.4	1.64	1.76	500.1	534.5
	36.9	38.0	1.96	1.93	72.4	73.5

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Canada, Australia, Argentina, South Africa, Thailand, and Brazil.

Rice area, yield, and production (rough basis): World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
	: 1977/78	: 1978/79	: 1977/78	: 1978/79	: 1977/78	: 1978/79
	Million hectares	Million hectares	Metric tons per hectare	Metric tons per hectare	Million metric tons	Million metric tons
North America						
United States	0.9	1.2	1.2	4.95	5.18	6.1
Western Europe	.3	.3	.3	4.14	5.25	1.6
USSR	.5	.6	.6	4.06	3.67	2.1
Centrally Planned Asia						
PRC	36.2	36.0	35.2	3.56	3.98	137.0
South Asia						
Bangladesh	10.1	10.0	10.0	1.93	1.88	18.5
Burma	5.0	5.2	5.1	1.88	1.90	10.5
India	40.3	40.2	37.0	1.96	1.66	80.8
Pakistan	1.9	2.0	1.9	2.33	2.53	4.9
Near East and Other Asia						
Indonesia	8.4	8.9	8.7	2.79	2.77	25.8
Japan	2.8	2.5	2.5	5.94	6.06	15.7
South Korea	1.2	1.2	1.2	6.78	6.37	7.4
Thailand	8.6	8.6	8.7	1.74	1.90	16.8
Latin America & Caribbean						
Argentina	.1	.1	.1	3.26	3.08	.3
Brazil	5.2	5.8	6.1	1.44	1.41	7.7
Oceania						
Australia	.1	.1	.1	5.39	6.00	.7
Total above	121.6	122.9	118.7	2.64	2.68	335.9
Other countries & regions	22.2	22.0	20.6	2.26	2.45	49.5
World	143.9	144.8	139.3	2.58	2.65	385.5
World less United States	142.9	143.6	138.1	2.56	2.62	379.4
Major foreign exporters 2/	15.6	15.9	15.9	1.88	2.00	32.9

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Australia, Burma, Pakistan, and Thailand.

Soybean area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	:	:	:	:	:	:
	:1977/78	:1978/79	:1977/78	:1978/79	:1977/78	:1978/79
	: proj.	: proj.	: proj.	: proj.	: Nov.	: Dec.
	-----Million hectares-----		Metric tons per hectare		-----Million metric tons-----	
North America						
Canada	0.20	0.28	2.61	1.81	0.53	0.63
United States	23.32	25.63	2.06	1.99	47.95	60.85
Eastern Europe	.29	.36	1.39	1.25	.40	.48
USSR	.79	.82	.69	.78	.54	.70
Centrally Planned Asia						
PRC	9.10	9.20	1.04	1.14	9.50	10.50
South Asia						
India	.25	.30	.60	.67	.15	.25
Latin America & Caribbean						
Argentina	1.20	1.70	2.25	2.24	2.70	4.50
Brazil	7.60	7.96	1.34	1.32	10.20	13.50
Paraguay	.27	.36	1.03	1.23	.28	.65
Total above	43.01	46.62	1.68	1.67	72.24	92.06
Other countries & regions	2.20	2.33	1.10	1.10	2.43	3.00
World	45.21	48.95	1.65	1.64	74.67	95.07
World less United States	21.90	23.32	1.22	1.27	26.72	34.31
Major foreign exporters 2/	9.07	10.02	1.45	1.47	13.18	18.65

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Argentina, Brazil, and Paraguay.

Oilseeds production: World and selected countries, regions, and commodities 1/

Commodity	Major regions and countries								
	North America		United States		Western Europe	Eastern Europe	USSR	Centrally: Planned Asia	South Asia
	Canada	States	Europe	Europe	USSR	PRC	India	Pakistan	
	---Million metric tons---								
<u>Cottonseed</u>									
1: 1977/78	---	5.01	.39	.04	4.80	4.10	2.50	1.12	
2: 1978/79	---	3.80	.36	.04	4.94	4.34	2.80	.94	
3: 1979/80									
4: Nov. proj.	---	5.14	.32	.04	5.05	4.27	2.61	1.38	
5: Dec. proj.	---	5.14	.30	.04	5.21	4.27	2.62	1.29	
<u>Peanuts</u>									
<u>(In-shell)</u>									
6: 1977/78	---	1.69	.02	---	---	2.33	6.09	.07	
7: 1978/79	---	1.81	.02	---	---	2.85	6.39	.04	
8: 1979/80									
9: Nov. proj.	---	1.83	.02	---	---	2.95	5.70	.06	
10: Dec. proj.	---	1.83	.02	---	---	2.95	5.70	.06	
<u>Sunflowerseed</u>									
11: 1977/78	.08	1.33	<u>3/</u>	.52	1.93	5.90	.07	---	
12: 1978/79	.12	1.84	<u>3/</u>	.59	1.95	5.33	.07	---	
13: 1979/80									
14: Nov. proj.	.20	3.66	<u>3/</u>	.71	2.11	5.30	.07	---	
15: Dec. proj.	.22	3.66	<u>3/</u>	.71	2.12	5.30	.07	---	
<u>Rapeseed</u>									
16: 1977/78	1.94	---	1.27	1.30	.02	1.38	1.65	.24	
17: 1978/79	3.50	---	1.57	1.36	.02	2.03	1.88	.26	
18: 1979/80									
19: Nov. proj.	3.49	---	1.45	.76	.02	2.24	2.00	.26	
20: Dec. proj.	3.56	---	1.49	.73	.02	2.24	1.80	.26	

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Countries included: India, Sudan, Argentina, and Brazil for cottonseed; Eastern Europe and Argentina, sunflowerseed; Canada, rapeseed; and India, Senegal, Sudan, Argentina, and Brazil, peanuts.

3/ Assumes reported production for four States representing 94 percent of U.S. total in 1977/78 and 95 percent in 1978/79 and 1979/80.

4/ Alternatively assumes relatively favorable and unfavorable production conditions; not USDA Crop Reporting Board forecast.

---No production reported or less than 5,000 tons.

Oilseeds production: World and selected countries, regions, and commodities--Cont.

Major regions and countries											
: Middle East	:	Latin America	:	Total for:	Other	:	:	World	:	Major	
: and	:	and	:	major	coun-	:	:	less	:	foreign	
: Africa	:	Caribbean	:	regions	tries	:	World:	United	:	ex-	
:	:	Argen-	:	and	and	:	:	States	:	porters	
:Egypt:Senegal:Sudan:	:	tina	:	Brazil:guay	countries:	:	:	:	:	2/	
---Million metric tons---											
.69	---	.36	.43	.84	.18	20.46	4.84	25.30	20.29	4.13	: 1
.74	---	.24	.33	1.02	.14	19.68	4.47	24.15	20.35	4.39	: 2
.71	---	.30	.34	1.05	.17	21.38	4.26	25.64	20.50	4.30	: 3
.79	---	.30	.34	1.04	.17	21.51	4.23	25.73	20.59	4.30	: 4
.03	.67	1.02	.37	.34	.02	12.65	4.38	17.03	15.34	8.49	: 5
.03	1.15	.83	.67	.45	.02	14.26	4.39	18.64	16.84	9.49	: 6
.03	1.20	1.10	.42	.47	.02	13.80	4.62	18.42	16.60	8.90	: 7
.03	1.10	1.10	.42	.47	.02	13.71	4.62	18.33	16.50	8.80	: 8
.01	---	---	1.60	---	---	11.44	1.28	12.72	11.40	3.53	: 9
.01	---	---	1.35	---	---	11.26	1.19	12.45	10.61	3.30	: 10
.01	---	---	1.45	---	---	13.50	1.48	14.98	11.33	3.56	: 11
.01	---	---	1.45	---	---	13.53	1.46	14.99	11.34	3.57	: 12
---	---	---	---	---	---	7.79	.28	8.06	8.06	1.94	: 13
---	---	---	---	---	---	10.61	.27	10.88	10.88	3.50	: 14
---	---	---	---	---	---	10.21	.35	10.56	10.56	3.49	: 15
---	---	---	---	---	---	10.09	.33	10.42	10.42	3.56	: 16

Cotton (all kinds) area, yield, and production: World and selected countries and regions 1/

Region/country	Area		Yield		Production	
	: 1977/78	: 1978/79 : proj.	: 1977/78	: 1978/79 : proj.	: 1977/78	: 1978/79 : Nov. : Dec.
	-----Million hectares-----		--Kilograms per hectare--		---Million 480-pound bales---	
North America						
United States	5.4	5.0	583	472	599	14.4
USSR	3.0	3.0	925	878	917	12.7
Centrally Planned Asia						
PRC	4.7	4.7	435	461	474	9.4
South Asia						
India	7.4	8.0	164	171	158	5.6
Pakistan	1.8	1.9	300	240	313	2.5
Middle East and Africa						
Egypt	.6	.5	667	878	932	1.8
Turkey	.8	.7	739	728	783	2.6
Latin America & Caribbean						
Brazil	2.0	2.0	237	295	295	2.2
Central America 2/	.5	.4	761	833	898	1.7
Mexico	.4	.4	905	964	865	1.6
Total above	26.6	26.5	447	422	456	54.6
Other countries & regions	6.1	5.5	332	328	338	9.3
World	32.7	32.0	425	406	436	63.9
World less United States	27.4	27.0	394	394	403	49.5
Major foreign exporters 3/	7.1	6.9	708	689	728	23.0

1/ Totals and averages based on unrounded data. 1978/79 is estimated and preliminary. 1979/80 is projected based on surveys, trends, and analysts' judgement.

2/ Includes Nicaragua, Guatemala, El Salvador, Honduras, and Costa Rica.

3/ Includes the USSR, Pakistan, Egypt, Turkey, Central America, and Mexico.

WHEAT: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Six Year Record of Difference Between December Forecast & Final Estimate			
	Percent	Quantity Million MT	Average Percent	Quantity Average:Smallest:Largest (-----Million MT-----)	Number of Years	
					Below : Above Final : Final	3/
<u>North America</u>						
Canada	20.1	3	0.3	- - 1/ -	2	-
United States	10.5	5	0.1	- - -	2	-
<u>Western Europe</u>	7.7	4	0.3	- - -	5	-
<u>Eastern Europe</u>	8.1	3	2.0	1 - -	3	3
<u>Oceania</u>						
Australia	25.0	3	7.7	1 - - 2	5	-
<u>South Asia</u>						
India	8.8	2	1.5	- - - 2	1	1
Pakistan	6.5	1			N/A	N/A
<u>Centrally Planned Asia</u>						
China	5.4	2			N/A	N/A
<u>USSR</u>	17.0	16	3.0	3 1 5	5	1
<u>Middle East and Africa</u>						
South Africa	11.8	-			N/A	N/A
Turkey	13.5	1			N/A	N/A
<u>Latin America & Caribbean</u>						
Argentina	24.3	2	11.6	1 1 1	4	2
Brazil	30.0	1			N/A	N/A
<u>Total Above</u>						
			1.4	4 1 8	5	1
<u>Others</u>	6.4	3	1.5	2 - 5	5	1
<u>World Total</u>	5.3	19	1.6	6 2 10	5	1
<u>World Less U.S.</u>	6.7	21	1.8	6 2 10	5	1
<u>Major Competitors 2/</u>	17.2	6	3.4	1 1 3	5	1

1/ Less than 500,000 tons

2/ Includes Canada, Australia, and Argentina

3/ May not add up to 6 if December estimate was the same as final

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1969-1978. The 6 year record is based upon absolute differences from final estimates.

FAS:CP:G&F:November 8, 1979

COARSE GRAINS: RELIABILITY OF DECEMBER WORLD CROP PRODUCTION FORECASTS

Region	Standard Error of Estimate from Trend-68% Confidence Level		Six Year Record of Difference Between December Forecast & Final Estimate			
	Percent	Quantity	Average Percent	Quantity		Number of Years 2/ Below : Above Final : Final
				Average:Smallest:Largest	(-----Million Mt-----)	
Million MT						
<u>North America</u>						
Canada	10.8	2	2.9	1	- 1/ 2	2 2
United States	9.1	17	0.9	1	1 4	3 2
<u>Western Europe</u>	6.8	6	1.2	1	1 3	4 1
<u>Eastern Europe</u>	5.4	3	2.5	1	- -	4 1
<u>Oceania</u>						
Australia	20.0	1	10.6	1	- 1	3 3
<u>South Asia</u>	8.9	3				N/A N/A
India						
<u>Centrally Planned Asia</u>	3.4	2				N/A N/A
China						
<u>Near East & Other Asia</u>	20.0	1	1.0	-	- -	- 1
Thailand						
USSR	16.3	14	3.0	3	2 4	5 -
<u>Middle East and Africa</u>	27.3	2	13.9	1	- 3	4 2
South Africa	10.6	1				N/A N/A
Turkey						
<u>Latin America & Caribbean</u>						
Argentina	17.1	3	13.9	2	1 4	4 2
Brazil	9.9	2	10.7	2	- 4	2 1
<u>Total Above</u>			0.8	4	4 6	4 -
<u>Others</u>	4.1	3	1.9	3	1 6	3 2
<u>World Total</u>	3.4	22	1.0	5	- 8	5 1
<u>World Less U.S.</u>	3.3	16	1.0	4	1 10	5 1
<u>Major Competitors 3/</u>	6.3	4	4.9	3	1 5	2 4

1/ Less than 500,000 tons

2/ May not add to 6 if December estimate was the same as final

3/ Includes Canada, Australia, Argentina, S. Africa, Thailand, and Brazil

Note 1: N/A means no published forecasts are available.

Note 2: Standard errors of the estimates are derived from 10 year production trends, 1969-1978. The 6 year record is based upon absolute differences from final estimates.

FAS:CP:C&F:November 8, 1979

Cotton, rice (rough), and oilseeds production: 1979/80 trend projections and
standard errors 1/

Regions	Cotton			Rice (rough)			Oilseeds		
	Trend	Standard error		Trend	Standard error		Trend	Standard error	
	Pro-	Quan-		Pro-	Quan-		Pro-	Quan-	
	jection:	tity	Percent	jection:	tity	Percent	jection:	tity	Percent
	---Mil. bales---			---Mil. MT---			---Mil. MT---		
North America :									
Canada :	---	---	---	---	---	---	2.3	<u>2/</u> 0.7	30.4
U.S. <u>3/</u> :	14.5	.2	1.5	6.3	.1	1.9	60.8	1.6	2.6
Western Europe :	---	---	---	1.2	.1	8.3	---	---	---
Eastern Europe :	---	---	---	---	---	---	---	---	---
USSR :	13.1	.5	3.8	2.5	.1	4.0	5.4	<u>4/</u> .8	14.8
Centrally :									
Planned Asia :									
PRC :	10.7	1.1	10.3	134.3	4.9	3.6	---	---	---
South Asia :									
Bangladesh :	---	---	---	19.1	1.3	6.8	---	---	---
Burma :	---	---	---	10.2	.5	4.9	---	---	---
India :	5.9	.5	8.5	77.0	5.6	7.3	6.1	<u>5/</u> .8	13.1
Pakistan :	2.2	.4	18.2	4.7	.3	6.4	---	---	---
Near East & :									
Other Asia :									
Indonesia :	---	---	---	25.7	.7	2.7	---	---	---
Japan :	---	---	---	15.5	1.2	7.7	---	---	---
South Korea :	---	---	---	7.9	.5	6.3	---	---	---
Thailand :	---	---	---	16.2	.7	4.3	---	---	---
Middle East :									
and Africa :									
Egypt :	1.7	.1	5.9	---	---	---	---	---	---
Senegal :	---	---	---	---	---	---	.9	<u>5/</u> .2	22.2
South Africa :	---	---	---	---	---	---	---	---	---
Turkey :	2.5	.3	12.0	---	---	---	---	---	---
Latin America :									
& Caribbean :									
Argentina :	---	---	---	.3	.04	13.3	---	---	---
Brazil :	2.1	.4	19.0	8.5	.6	7.1	14.2	<u>6/</u> 1.5	10.6
Mexico :	1.3	.4	30.8	---	---	---	---	---	---
Oceania :									
Australia :	---	---	---	.6	.1	16.7	---	---	---
Foreign :	50.3	2.9	5.8	372.0	7.7	2.1	---	---	---
World :	62.3	4.3	6.9	378.0	7.8	2.1	158.8	6.2	3.9 <u>7/</u>

1/ This table provides a measure of year-to-year variability in production from linear trend during 1969/70-1978/79. Data reflect one standard error, i.e. 68-percent confidence level. In the case of USSR cotton, for example, there is a 68-percent probability that 1979/80 production will total within 0.5 million bales or 3.8 percent of the trend projection of 13.1 million. Production estimates may differ from trend, based on analysts' judgement and other factors. 2/ Rapeseed. 3/ Crop Reporting Board estimates of U.S. production and associated root mean square errors. Oilseeds are soybeans only. 4/ Sunflowerseed. 5/ Peanuts. 6/ Soybeans. 7/ Percentages for individual oilseeds: soybeans, 5.4; cottonseed, 6.8; sunflowerseed, 8.3; peanuts, 5.7; and rapeseed 10.1.

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